

LISTING OF CLAIMS

1-11. (Canceled).

12. (Currently amended): A cosmetic composition which is an oil-in-water or water-in-oil emulsion comprising a mixture of poly- $\alpha$ -olefins poly- $\alpha$ -olefin oils produced by dehydrating polymerization at a temperature in the range of from 60°C to 340°C, in the presence of acidic alumino layer silicates, of at least one primary alcohol selected from the group consisting of

- a) unsaturated monofunctional alcohols;
- b) branched monofunctional alcohols; and
- c) difunctional alcohols,

wherein said mixture of poly- $\alpha$ -olefins produced by dehydrating polymerization provide provides a cosmetic composition having improved storage-stability with respect to viscosity, as well as storage stability with respect to and separation, versus the when compared to an analogous cosmetic composition comprising poly- $\alpha$ -olefins produced by homopolymerization of  $\alpha$ -olefins.

13. (Previously presented): The cosmetic composition as claimed in claim 12, wherein the primary alcohol contains 6 to 72 carbon atoms.

14. (Previously presented): The cosmetic composition as claimed in claim 12, wherein the group b) alcohol comprises at least one alcohol selected from the group consisting of branched alcohols having

- b1) at least one methyl branch in the alkyl chain,
- b2) a C<sub>2-18</sub> branch in the alkyl chain and
- b3) a C<sub>2-18</sub> branch in the  $\alpha$ -position to the terminal CH<sub>2</sub>OH group.

15. (Previously presented): The cosmetic composition as claimed in claim 14, wherein said group b) alcohol comprises a Guerbet alcohol.

16. (Previously presented): The cosmetic composition as claimed in claim 12, wherein the group a) alcohol comprises a linear alcohol.

17. (Previously presented): The cosmetic composition as claimed in claim 12, wherein said at least one primary alcohol comprises a member selected from group b) or c) and said mixture of poly- $\alpha$ -olefins is hydrogenated after the dehydrating polymerization.
18. (Previously presented): The cosmetic composition as claimed in claim 12, wherein the composition is a member selected from the group consisting of a w/o or o/w emulsion.
19. (Previously presented): The cosmetic composition as claimed in claim 12, comprising 1 to 50% by weight of oil components.
20. (Previously presented): The cosmetic composition as claimed in claim 12, wherein said mixture of poly- $\alpha$ -olefins comprises from 0.1 % to 100% by weight of the total oil components of the composition.
21. (Previously presented): The cosmetic composition as claimed in claim 12, further comprising 0.1% to 20% by weight of a surface-active substance or a mixture of surface-active substances.
22. (Previously presented): The cosmetic composition as claimed in claim 13, wherein the group b) alcohol comprises at least one alcohol selected from the group consisting of branched alcohols having
  - b1) at least one methyl branch in the alkyl chain,
  - b2) a C<sub>2-18</sub> branch in the alkyl chain and
  - b3) a C<sub>2-18</sub> branch in the  $\alpha$ -position to the terminal CH<sub>2</sub>OH group.
23. (Previously presented): The cosmetic composition as claimed in claim 14, wherein b1) has from 1 to 6 methyl branches in the alkyl chain.
24. (Previously presented): The cosmetic composition as claimed in claim 13, wherein the group a) alcohol comprises a linear alcohol.
25. (Previously presented): The cosmetic composition as claimed in claim 13, wherein said at least one primary alcohol comprises a member selected from group b) or c) and said mixture of poly- $\alpha$ -olefins is hydrogenated after the dehydrating polymerization.

Serial Number: 10/553,182

Filing Date: July 21, 2006

Title: Poly- $\alpha$ -Olefin-Containing Cosmetic Composition

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26. (Previously presented): The cosmetic composition as claimed in claim 14, wherein said at least one primary alcohol comprises a member selected from group b) or c) and said mixture of poly- $\alpha$ -olefins is hydrogenated after the dehydrating polymerization.
27. (Previously presented): The cosmetic composition as claimed in claim 15, wherein said at least one primary alcohol comprises a member selected from group b) or c) and said mixture of poly- $\alpha$ -olefins is hydrogenated after the dehydrating polymerization.
28. (Previously presented): The cosmetic composition as claimed in claim 13, wherein the composition is a member selected from the group consisting of a w/o or o/w emulsion.
29. (Previously presented): The cosmetic composition of claim 12 containing from 5% to 40% by weight of oil components.
- 30-32. (Canceled):
33. (Previously presented): The cosmetic composition of claim 12 wherein said mixture of poly- $\alpha$ -olefins has a high spreading value of >1000 mm<sup>2</sup>/10 min.
34. (Previously presented) The cosmetic composition of claim 12 wherein said at least one primary alcohol is selected from the group consisting of 2-ethylhexanol and isononanol.